ABSTRACT OF THE DISCLOSURE

The at least five simultaneous equations include at least five unknown quantities, namely, a reference time, an error of a clock for measuring a diffusion-code reception time for each of the satellites and the 3-dimensional coordinates of the receiver. The diffusion code is transmitted from each of the satellites at a diffusion-code transmission time expressed as a sum of a time having a value represented by digits expressing a number equal to or greater than one unitary time corresponding to one period of the diffusion code and a time having a value represented by digits expressing a number smaller than the unitary time. The time represented by the digits expressing a number equal to or greater than the unitary time is represented by a sum of the reference time which is a time common to all the satellites and the differential time which varies from satellite to satellite. Accordingly, the position of a receiver can be found even in a condition where latest time information cannot be obtained or a condition where a signal transmitted by each satellite is weak such as a condition immediately following activation of the receiver so that a diffusion-code transmission time ti of the satellite cannot be confirmed.